

Jamie King, Lawrence Livermore National Laboratory

Bio

Jamie King is a Certified Laser Safety Officer with over 22 years of experience practicing laser safety. He has served as the LSO for NASA-Ames Research Center, Sandia National Labs (California), and is currently the laser safety subject matter expert for Lawrence Livermore National Laboratory (LLNL), including the National Ignition Facility. Jamie is a longtime member of the Laser Institute of America and the Bay Area Laser Safety Officers. He serves on the ANSI Z136 SSC-8 Committee and is a member and past vice-chair of DOE's EFCOG laser safety subgroup. Jamie was recognized in 2014 by the DOE EFCOG for the *Laser Lessons Newsletter* of which he authors, publishes and distributes for LLNL. This newsletter has a readership of over two thousand individuals worldwide.

Abstracts

Laser Safety and the National Ignition Facility

One of the most challenging research projects ever conceived, the National Ignition Facility (NIF) is intended to produce and direct the combined laser energy of about 2 megaJoules in the ultraviolet through 192 separate 1.5 kilometer beam paths into a millimeter-sized target. This facility is operated and maintained by the NIF and Photon Science (PS) Directorate where a number of cutting edge laser projects are located. The Directorate's missions which include; ensuring global stability and security, advancing the frontiers of science, enabling clean energy, and building future generations of HED scientists. This presentation touches on some of these projects and covers the complexities of laser safety and the National Ignition Facility.

10 Years Later – Evolution of the Workshop

This presentation takes a look at how the First DOE Laser Safety Officer Workshop was conceived and then turned into a successful annual event. Highlights of each workshop are provided. Two questions are asked; "have we met our goal?" and "where do we go from here?"